

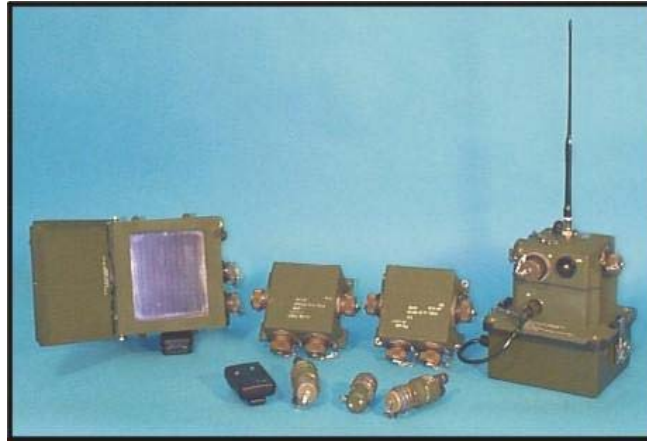


Edgewood Area - Aberdeen Proving Ground, Maryland 21010-5424

U.S. Army Soldier and Biological Chemical Command

Multipurpose Integrated Chemical Agent Alarm (MICAD)

Description: The MICAD is an integrated nuclear, biological and chemical detection, warning, and reporting system to be employed in area warning, combat and armored vehicles, and tactical van and shelter mission profiles. The MICAD automates the currently laborious NBC warning and reporting process throughout the battlefield. It automates the gathering of NBC contamination data from fielded NBC detector or sensors and automatically formats and transmits alarms and reports up the chain of command throughout the battlefield. The MICAD is Maneuver Control System (MCS) compatible.



Mission: Provide communications interface to NBC sensors, provide warning of chemical and nuclear attacks throughout the battlefield, and automatically generate NBC-1/NBC-4 reports over existing tactical communications.

User: U.S. Army.

Capabilities:

- Operates with M22 and AN/VDR-2 Radiac Set
- Interface with GPS vehicle navigation systems and modular collective protection equipment with VVS
- Automates the NBC report preparation (NBC-1/NBC-4) and transmission process
- Communicates via SINCGARS, FBCB2, or JWARN
- Flexible design allows use in area warning role with Telemetry Link Radio (TLR)



For additional information, please contact Program Director-Detection, ATTN: AMSSB-PM-RNN-D, Aberdeen Proving Ground, MD 21010-5424. The Program Director can also be contacted by E-mail (pd.detection@sbccom.apgea.army.mil), by telephone at (410) 436-3526 or DSN 584-3526, or by fax to (410) 436-8929.